

ORIGINAL

Form 3

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION

Petition for permission to make a major change in crossing protection, or to install new protection under 92 Illinois Administrative Code 1535.400 (d).

RECEIVED
APR 21 2006
Illinois Commerce Commission
RAILROAD ETY SLOTON

Date: April 13, 2006

To the ILLINOIS COMMERCE COMMISSION:

The petitioner Norfolk Southern Railway Company shows

- (1) That it is a railroad company operating a line of railroad in the State of Illinois.
- (2) That petitioner proposes and hereby makes application for authority to make a major change in crossing protection, or to install new protection, under 92 Illinois Administrative Code 1535.400 (d) adopted by this Commission.
- (3) That the location of the crossing, nature of protection now established and proposed to be established, and other pertinent facts in connection therewith, are set forth in the statement attached to and forming part of this petition.
- (4) That petitioner's reasons and purpose, with reference to its said proposal are to:

Modification of Grade Crossing Warning Devices requested by Illinois Commerce Commission

at: Richter School Road in New Baden, St. Clair County, Illinois, DOT: 724615T, MP. 030.98-W

File No. 061-04.0564

Project No. 04.0027

- (5) That the facts set forth in this petition and in the statement and plans or plats attached thereto, are, all of them, true and correct to the best of petitioner's knowledge and belief.

WHEREFORE, the petitioner prays that the Commission will, if deemed desirable by the Commission, set the aforesaid matter for hearing, and that the Commission enter an order or adopt a resolution consenting to and granting authority for the making of the said proposed changes in or additions to crossing protection.

Norfolk Southern Railway Company

By R. H. Ray
R. H. Ray, Administrator
Highway Grade Crossings

Thomas W. Ambler
(Attorney for Petitioner)

Norfolk Southern Corporation
Three Commercial Place
Norfolk, VA 23510-2191

(Attorney's Address)

DOCKETED

Statement, attached to and part of an application for permission to make a major change in crossing protection or to install new protection, under 92 Illinois Administrative Code 1535.400(d).

1. Name of Railroad Company Norfolk Southern Railway Company
2. Crossing Number 724615T
3. Village or City New Baden
4. Name of Street or Highway Richter School Road
5. Public Agency Maintaining Highway City
6. Protection now established:
Flashing lights with gates and bell controlled by constant warning time detection equipment.
7. Protection desired:
Modify grade crossing warning devices, to include flashing lights with gates and bell controlled by
constant warning time detection equipment.
8. Number of main tracks One Other tracks None
9. Number of passenger movements:
6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None
10. Number of freight train movements:
6 a.m. to 6 p.m. Eight 6 p.m. to 6 a.m. Seven
11. Approximate number of switch movements:
6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None
12. Maximum speed of trains at crossing on each track in each direction:
North/East 60 M.P.H Main
South/West 60 M.P.H Main
13. Passenger platforms served by tracks within the limits of track circuits, if any None

14. Where automatic signals or gates are proposed, approximate number of train or engine movements daily which would cause false indications or operation:

None

15. Nature and approximate amount of street or highway traffic over crossing:

100 AADT

16. In addition to the information listed hereinbefore in Form 3, attach a track plan or plat of the proposed crossing. This plan should show:

- (a) Width and surface of highway.
- (b) Highway intersections (including private driveways to be so indicated) and location of established highway signs or signals within 100 feet of crossing.
- (c) Location of tracks, switches and other railroad facilities such as block signals, etc. within limits of track circuits, present and/or proposed.
- (d) Where automatic protection is proposed, show proposed location of signals (side lights, cantilevers, etc., if any).
- (e) Show the length of each operating track section within the control limits of the crossing protection and its function.

ADDITIONAL INFORMATION

Drawings attached for question no. 16

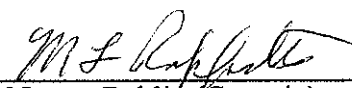
(File Original and Two Duplicates)

VERIFICATION

I, R. H. Ray, first being duly sworn upon oath depose and say that I am
Administrator – Highway Grade Crossings, of Norfolk Southern Railway Company, a
Virginia corporation; that I have read the above and foregoing petition by me subscribed and know the
contents thereof; that said contents are true in substance and in fact, except as to those matters stated upon
information and belief, and as to those, I believe same to be true.


Administrator - Highway Grade Crossings

Subscribed and sworn to before me this 13 th.
day of April, 20 06.


Notary Public (Georgia) or Witness

My Commission Expires: _____



Exh B, p1

07-Apr-06

Round Figure Estimate for Grade Crossing Warning Devices

City/State: NEW BADEN, IL

MilePost: 30.98-W

State Proj. No.:

S&E Proj. No.: 04.0027

Man Days: 120

Road: RICHTER SCHOOL RD.

DOT/AAR: 724615T

County: ST. CLAIR

AFE:

File Number: 061-04.0564

APR 11 2006
Missouri Commerce Commission
RAIL SAFETY SECTION

| ***Purchases - Others*** | |
|-------------------------------------------------------------------|--------------|
| Meals and Lodging: | \$11,290.75 |
| Rental of Equipment: | \$24,684.00 |
| (2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 30 Days) | |
| Construction Supervision Vehicle: | \$1,974.72 |
| Purchases - Other Total: | \$37,949.47 |
| ***Material And Additives*** | |
| Material Cost: | \$97,047.00 |
| Sales and Use Tax: | \$4,852.00 |
| Material Handling Freight: | \$4,852.33 |
| Material Total: | \$106,751.33 |
| ***Labor And Additives*** | |
| Labor Cost: | \$29,040.00 |
| (4 man crew at \$968.00 a day for: 30 days) | |
| Payroll Tax & Overheads: | \$28,647.96 |
| Preliminary Engineering: | \$11,095.62 |
| Construction Supervision: | \$8,197.99 |
| Labor Total: | \$76,981.57 |
| Project Cost: | \$221,682.37 |
| Scrap / Salvage Credit: | \$0.00 |
| Project Total: | \$221,682.37 |

Estimated on: 07-Apr-06

Estimated by: enjab

Estimate valid for 1 year from date of estimate



Norfolk Southern Railway
Highway Crossing Signalization Program - Material List

Do not substitute items without permission from S & E Engineering

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| City: | NEW BADEN |
| Road: | RICHTER SCHOOL RD. |
| Mile Post: | 30.98-W |
| Drawing Number: | CS0942P |
| State Project Number: | |
| County: | ST. CLAIR |
| A A R Number: | 724615T |
| Project Number: | 04.0027 |
| File Number: | 061-04.0564 |
| A F E Number: | |
| Store Number: | |
| Supervisor: | J.E. BROWNE |
| Tax Code: | 1200 |
| Vendor to supply the following copies after pricing: 1 Set - Material Management with original Invoice 2 Sets - with plans shipped in car with material 1 Set - S&E Gen. Supt. Construction w/copy of invoice | |

Eah B, p2

| Qty. | Class-Item-CD | UI | Price per Item | Total Price | Item Description | Quantity Shipped | Quantity Installed Date Quan. | Quantity Returned (Credit) | Special Instructions |
|------|---------------|----|----------------|-------------|------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|----------------------------|----------------------|
| 3 | 670-360693-4 | EA | \$5.04 | \$15.12 | AAR/DOT NUMBER PLATE/DECAL, ORDER 3 PER PROJECT. 60 DAY LEAD TIME. SUPPLIED BY S'TRAN. | | | | |
| 1 | 165-006505-4 | EA | \$1,051.54 | \$1,051.54 | AC SERVICE, COMPLETE LESS METER BASE, ASSEMBLED ON 30' POLE | | | | |
| 4 | 670-119241-4 | EA | \$32.80 | \$131.20 | ARRESTOR, LIGHTNING HEAVY DUTY CLEAR VIEW SAFETRAN 022585-1X | | | | |
| 19 | 105-871901-4 | EA | \$161.57 | \$3,069.83 | BATTERY,GNB 265AH MODEL 50A11 SINGLE CELL 2.25 VOLTS | | | | |
| 1 | 670-864870-4 | EA | \$2,471.70 | \$2,471.70 | BERM WALL, 25' L X 4' H (NO HAND RAILS) - SERRMI #40406-25 | | | | |
| 2 | 670-980689-4 | EA | \$71.71 | \$143.42 | BRACKET HIGH WIND, (RIGID 3'), WIG- 191036, WALRUS TUSK TYPE | | | | |
| 2 | 670-561375-4 | EA | \$1,197.90 | \$2,395.80 | BRACKET, GATE SAVER, NEG385102GS, SPRING LOADED SWING AWAY ADAPTER FOR FIBERGLASS/ALUMINUM GATES, USE WITH GATE 28' AND LESS | | | | |
| 1 | 670-356949-4 | EA | \$97.00 | \$97.00 | CABLE, 10' GENERATOR HOOK UP, SERRMI P/N 40524. FEMALE CONNECTOR | | | | |
| 500 | 465-292862-4 | LF | \$1.04 | \$520.00 | CABLE, U-2-6 TWISTED, S-23 OKONITE 113-12-3933 SOLID TINNED CONDUCTOR | | | | |
| 900 | 465-292945-4 | LF | \$1.35 | \$1,215.00 | CABLE, U-5-14, S-54 OKONITE 206-14-6885 | | | | |
| 300 | 465-292929-4 | LF | \$3.05 | \$915.00 | CABLE, U.G. 5 COND. NO. 6 AWG SOLID COPPER CABLE TO MEET NS CORP. SPEC. FOR SIGNAL | | | | |
| 300 | 465-939422-4 | LF | \$2.55 | \$765.00 | CABLE, UG 12 CONDUCTOR NO 14 AWG SOLID EACH CONDUCTOR WITH 5/64 IN INSULATION 10 MIL | | | | |
| 1100 | 465-791835-4 | FT | \$2.22 | \$2,442.00 | CABLE, UG AC ENTRANCE 3C#6-7X OKONITE FMPF-L 094-078 TR W/G 1 X 8 7X W010 BRZ TAPE 600V PRODUCT CODE 206-11-6070 | | | | |
| 80 | 165-544477-4 | FT | \$2.55 | \$204.00 | CONDUIT, 4"x10' PVC, SCHEDULE 80 BELL CONNECTOR AT ONE END, 1/2 PT. GLUE IN KIT 670-123298-4 | | | | |
| 30 | 670-100000-4 | EA | \$2.00 | \$60.00 | CONDUIT, PRE-EMPTION - STATE OF ILLINOIS, 4" x 10' PVC | | | | |
| 4 | 670-090450-4 | EA | \$50.38 | \$201.52 | CONNECTOR, WELDED FAR RAIL HARMON A1000-2W | | | | |
| 4 | 670-486646-4 | EA | \$41.62 | \$166.48 | CONNECTOR, WELDED NEAR RAIL HARMON A1000-1W | | | | |
| 2 | 670-793404-4 | EA | \$838.37 | \$1,676.74 | COUNTERWEIGHT PKAGE, 17-24 GATE S'TRAN S- MECH ONLY, STAINLESS, TO INCLUDE HUB, SUPPORT ARMS | | | | |

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Store No.:

P.O. Number:

Date Required:

Date Shipped:

Vendor: Railroad Signal Design

| Qty. | Class-Item-CD | UI | Price per item | Total Price | Item Description | Quantity Shipped | Quantity Installed Date Quan. | Quantity Returned (Credit) | Special Instructions |
|------|---------------|----|----------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|----------------------------|----------------------|
| 4 | 670-760012-4 | EA | \$40.02 | \$160.08 | COVER, FOR 1 WAY FLASHING LIGHT ASSY. 18 OZ. BLACK VINYL COATED NYLON. ===== TO COVER 2 LAMPS===== | | | | |
| 1 | 670-986650-4 | EA | \$375.69 | \$375.69 | DISPOSAL, CONSTRUCTION DEBRIS AND CLEANING X'ING EQUIPMENT CONTAINER | | | | |
| 1 | 670-000004-4 | EA | \$700.00 | \$700.00 | FCC LICENSE FOR MONITOR/RADIO | | | | |
| 3 | 670-000003-4 | EA | \$255.85 | \$767.55 | FILL/STONE #57, QUANTITY IS BASED ON TRUCK LOAD PLUS DELIVERY COST | | | | |
| 1 | 670-012724-4 | EA | \$289.30 | \$289.30 | FILTER, ELECTRO CODE 156HZ REJECTION PART # TF-156 | | | | |
| 2 | 670-015231-4 | EA | \$423.50 | \$847.00 | FOUNDATION,DIXIE,S-2 GATE 56" ASSEMBLED | | | | |
| 2 | 670-257031-4 | EA | \$297.88 | \$595.76 | GATE, ARM FIBERGLASS-ALUMINUM 17-24 FT., INCLUDES GATE GUARD FOR GATE LIGHT CABLE, NEG P/N 8002-244NFS/CG | | | | |
| 1 | 670-991303-4 | EA | \$43.57 | \$43.57 | INDUCTOR, SIMULATED TRACK SAFETRAN 8V617-2400 | | | | |
| 2 | 670-477991-4 | EA | \$317.90 | \$635.80 | KIT, GROUNDING ASSY FOR AL I/S INCLUDES 8 GRD RDS,200'4WIRE,12 4 WIRE ONE-SHOTS, ERICO SBK206 | | | | |
| 1 | 670-123298-4 | EA | \$256.93 | \$256.93 | KIT, HARDWARE SUPPLIES REQUIRED X'ING P'CKAGES. WEB CONNECTORS FOR SHUNT(8EA) TAPE, AMPS,P'GUM PAINT,SLEEVES,TAGS,GLUE, 100 EA WHITE TAGS,)NE CAN BLUE MARKING PAINT ETC... | | | | |
| 2 | 670-764166-4 | EA | \$907.65 | \$1,815.30 | LAMP ASSY, 5" MAST MTG. 2W IND. 20" BKGRD, FLX-12 W/BULB STRAN #042003-487XNS | | | | |
| 6 | 165-643547-4 | EA | \$4.30 | \$25.80 | LAMP, 18 WATT 10 VOLT S-11 SC BAY 18S11/1SC CLEAR RWY SIGNAL UJ-71463 GE | | | | |
| 6 | 255-590880-4 | EA | \$16.12 | \$96.72 | LOCK, AMERICAN LOCK MODEL H-10KA KEYED ALIKE TO PRIVATE KEYWAY D456 AND STAMPED "NS SIG" | | | | |
| 2 | 670-637778-4 | EA | \$1,031.41 | \$2,062.82 | MAST, 5" ALUMINUM 13'10" WITH DOUBLE JCT. BOX BASE. STRAN P# 070519-11AX. | | | | |
| 2 | 670-521147-4 | EA | \$2,932.81 | \$5,865.62 | MECHANISM, GATE MODEL S40, WITH CONTACT HEATER, COMPLETE W/RELAY STRAN # 074000-W00090 | | | | |
| 2 | 670-001347-4 | EA | \$63.27 | \$126.54 | PACKAGE, HARDWARE SIGN 5 IN. MOUNTING, SERRMI A1250-5, HARMON @200965-000, OR | | | | |
| 1 | 255-646807-4 | EA | \$10.38 | \$10.38 | PADLOCK, SAFETRAN PART NO. 030399-29X SCREW TYPE FOR CIR CONTROLLER AND BTY. BOX | | | | |

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Exhib, p4

Vendor: Railroad Signal Design

Date Shipped:

Date Required:

P.O. Number:

Store No.:

| Qty. | Class-Item-CD | UI | Price per Item | Total Price | Item Description | Quantity Shipped | Quantity Installed Date Quan. | Quantity Returned (Credit) | Special Instructions |
|------|---------------|----|----------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|----------------------------|----------------------|
| 1 | 670-514605-4 | EA | \$8.45 | \$8.45 | PINNACLE, W-C SECT 1-11, 4" & 5" REF K1 110-8 OR SAFETRAN NO. @035045-503X | | | | |
| 2 | 670-555609-4 | EA | \$45.12 | \$90.24 | PLUGBOARD, TYPE B-1 GRS A62-506 OR HARMON @7062-506 OR | | | | |
| 2 | 165-902002-4 | EA | \$308.00 | \$616.00 | PROTECTOR, SURGE 120/240VAC, ERICO P/N EPD120/240TDFL | | | | |
| 5 | 465-002899-4 | EA | \$22.06 | \$110.30 | REEL, CABLE DISPOSABLE FOR CROSSING SIGNAL PACKAGES | | | | |
| 2 | 670-742096-4 | EA | \$41.80 | \$83.60 | RELAY INTERFACE PROBE, ULTRATECH PN 16031-00 | | | | |
| 2 | 670-707995-4 | EA | \$313.67 | \$627.34 | RELAY, TYPE B1, NEV LINE, 900 OHMS,.008 AMPERES GRS A62-308 OR SAFETRAN @400003 | | | | |
| 4 | 435-805560-4 | EA | \$6.25 | \$25.00 | SAND, 25LB BAG FOR CABLE ENTRANCE INTO THE SHELTER | | | | |
| 1 | 670-391911-4 | EA | \$5,329.57 | \$5,329.57 | SEARII AUTOMATED INSPECTOR SYSTEM KIT, w/ 1-ILOD, 1-eBELL, 2-GTS, 2-MTSS, 1-GFT, 1-VHFC, 2-RECORDER INTERFACE MODULE, 1-ECHELON CONNECTOR | | | | |
| 2 | 670-281280-4 | EA | \$7,006.00 | \$14,012.00 | SHELTER BARE 6X6, ALUMN, FARADAY, W/CABLE CHUTES BEHIND TERMINAL BOARD, W/GEN. CONN. W/ADJUSTABLE PIERS, SAFETRAN P/N 058400-66-78A | | | | |
| 3 | 670-586967-4 | EA | \$37.68 | \$113.04 | SHUNT COVER W/LAG SCREWS, 19"X19", SERRMI #40271, ORDER 1 PER SHUNT | | | | |
| 1 | 670-652773-4 | EA | \$470.56 | \$470.56 | SHUNT, MULTI-FREQ. #62775-1543 SAFETRAN NARROW BAND | | | | |
| 2 | 670-645460-4 | EA | \$596.03 | \$1,192.06 | SHUNT, MULTI-FREQ. #62775-8621 SAFETRAN NARROW BAND | | | | |
| 2 | 670-393331-4 | EA | \$37.43 | \$74.86 | SIGN CROSSING MALFUNCTION ASSEMBLY FOR 4" AND 5" MAST, SAFETRAN #T17215 | | | | |
| 2 | 670-806648-4 | EA | \$56.42 | \$112.84 | SIGN, X-BUCK, LESS HARDWARE, SAFETRAN 035200-X CR 02-490546 | | | | |
| 2 | 670-006438-4 | EA | \$11.09 | \$22.18 | TAPE, 4" X 96" REFLECTIVE APPLY TO BACK OF X-BUCK SIGN. ONLY IN IA., IN., IL., AL. 035200-555X | | | | |
| 2 | 670-330382-4 | RL | \$11.50 | \$23.00 | TAPE, THOR 3' DURATEC, ORANGE 1000' LENGTHS. "WARNING STOP DIGGING" | | | | |
| 10 | 670-478560-4 | EA | \$19.47 | \$194.70 | TERMINAL BLOCK, ERICO 4 POST P/N B2700A2C1WH W/HARDWARE LESS LIGHTNING ARRESTOR | | | | |
| 2 | 165-917984-4 | EA | \$4.84 | \$9.68 | TERMINAL, TEST, TYPE B GRS A62-515 OR HARMON @32118-001 OR | | | | |

SEAL NUMBER

CAR NUMBER

APPROVED BY RAILROAD

APPROVED BY STATE

Exh B, P5

| Qty. | Class-Item-CD | UI | Price per Item | Total Price | Item Description | Quantity Shipped | Quantity Installed Date Quan. | Quantity Returned (Credit) | Special Instructions |
|------|---------------|----|----------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------------|-------------------------------|----------------------|
| 4 | 670-007254-4 | EA | \$129.46 | \$517.84 | UNIT, ADDITIONAL WIRING FOR 24W CASE | | | | |
| 1 | 670-270377-4 | EA | \$15,616.66 | \$15,616.66 | WIRED RACK, 6X6 FARADAY, 20AMP SINGLE TRK (NO CONTROLLER), GCP3000, 1CRAGG CHARGER, 2 RELAY RACKS, SAFTRAN P/N 20A UNI 1TRK, USE WITH I/S 670-281280-4 W/CABLE CHUTES BEHIND THE FARADAY SHIELD | | | | |
| 1 | 670-258957-4 | EA | \$25,580.50 | \$25,580.50 | WIRED RACK, 6X6 FARADAY, 20AMP SINGLE TRK SSCCIIIA, GCP3000D2, 2 CRAGG CHARGER, 2 RELAY RACKS, SAFTRAN P/N 20A 1TRK, USE WITH I/S 670-281280-4 W/CABLE CHUTES BEHIND THE FARADAY SHIELD | | | | |

| | | | |
|-------------------|----------------------|------------|-------------|
| APPROVED BY STATE | APPROVED BY RAILROAD | CAR NUMBER | SEAL NUMBER |
|-------------------|----------------------|------------|-------------|

Exh B, pg 6

PKB
108

TO LOUISVILLE

TO ST. LOUIS

3090'
RICHTER SCHOOL RD.
APPROACH (TO
EDGE OF ROAD)

3090'
RICHTER SCHOOL RD.
APPROACH (TO
EDGE OF ROAD)

2343'
TO NEAREST
GCP WIRES

3040'
TO NEAREST
GCP WIRES

APP.
SR 161

M.P.
31-W

3000 GCP
285 HZ

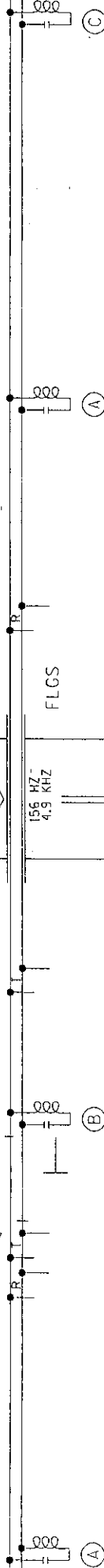
3000D2 GCP

FLCS

156 HZ
4.9 KHZ

FLCS

RICHTER SCHOOL RD.
AAR #724 61ST



759


755

162

2695

- (A) MF-NBS 62775-1543 (285HZ)
- (B) MF-NBS 62775-8621 (156HZ)
W/8V617 2400' D.L.
- (C) MF-NBS 62775-8621 (156HZ)

PROFILE

| | | | |
|----------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|-------------------------|
| DESIGNED BY: | TAH 03-01-06 |  | NORFOLK SOUTHERN |
| DRAWN BY: | RSD 03-01-06 | | |
| CHECKED BY: | SAH 03-01-06 | | |
| IN SERVICE: | - - | | |
| OFFICE OF ASST. VICE PRESIDENT COMM. & SIGNAL, ATLANTA, GA. | M.P.: | 30.98W | |
| NEW BADEN, IL | | GATES/FLS AT RICHTER SCHOOL RD. | |
| PROFILE 7C | | FILE NO. R- | |
| CADD OF DWG. NO. | CS0942P.02 | SHEET | 2 of 32 |

PROPERTY
NORFOLK SOUTHERN RAILWAY CO.

Exhibit C
p 1

**OPINION OF PROBABLE COSTS TO RECONSTRUCT THE
ROADWAY APPROACHES TO THE NORFOLK SOUTHERN RAILROAD
AT RICHTER SCHOOL ROAD, NEW BADEN, ILLINOIS**

Prepared by: Henry, Meisenheimer & Gende, Inc.
(HMG Job No. 5748)
Date: 05/24/06

| ITEM | QUANTITY | UNIT | UNIT PRICE | COST |
|--------------------------------------------------|----------|-------|-------------|-------------|
| Earth Excavation | 50 | CY | \$9.00 | \$450.00 |
| Embankment | 220 | CY | \$30.00 | \$6,600.00 |
| Agg. Base & Surface Course (Variable Depth) | 420 | TON | \$32.00 | \$13,440.00 |
| Aggregate Shoulders (1 Ft. Wide, Variable Depth) | 113 | TON | \$35.00 | \$3,946.25 |
| Bituminous Materials (Prime Coat) | 325 | GAL | \$4.00 | \$1,300.00 |
| Bituminous Materials (Cover and Seal Coats) | 585 | GAL | \$3.10 | \$1,813.50 |
| Cover & Seal Coat Aggregate | 26 | TON | \$40.00 | \$1,040.00 |
| Junction Box, 6'x8' | 1 | EACH | \$10,500.00 | \$10,500.00 |
| 24" CMP | 235 | FOOT | \$35.00 | \$8,225.00 |
| Flared End Sections | 4 | EACH | \$80.00 | \$320.00 |
| Railroad Protective Liability Insurance | 1 | L SUM | \$6,500.00 | \$6,500.00 |
| Seeding, Fertilizer & Mulch | 0.25 | AC | \$5,000.00 | \$1,250.00 |
| Erosion Control | 1 | L SUM | \$3,200.00 | \$3,200.00 |
| Traffic Control and Protection | 1 | L SUM | \$3,500.00 | \$3,500.00 |

PROBABLE CONSTRUCTION COSTS = \$62,084.75

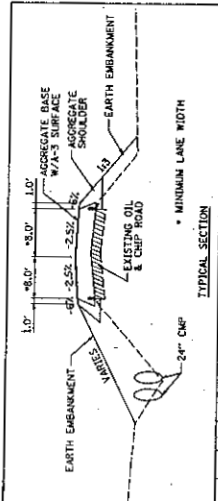
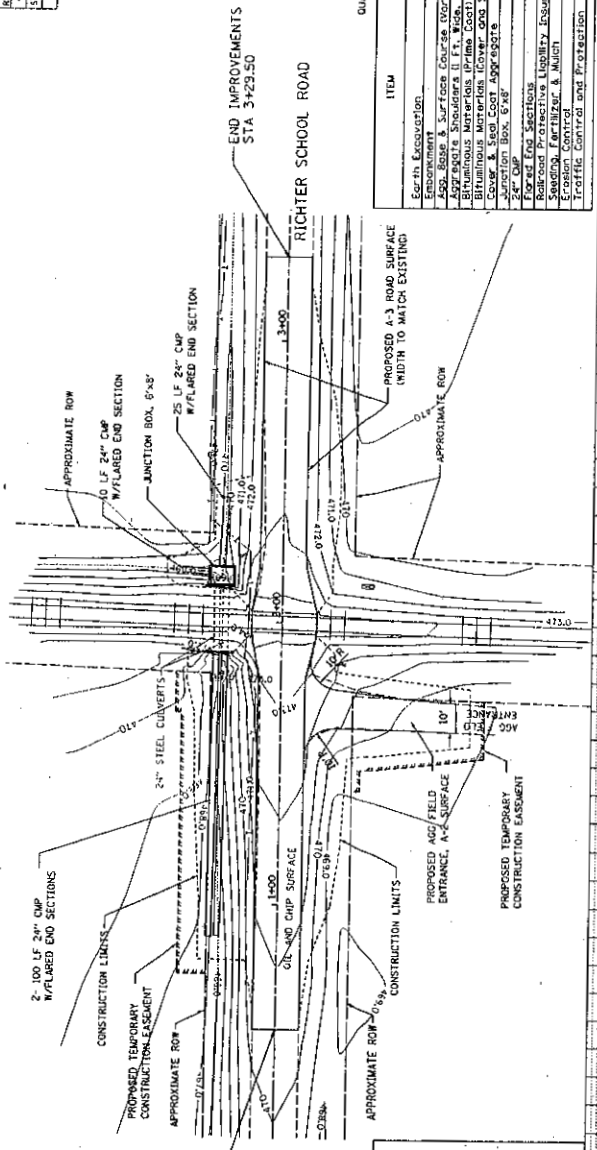
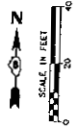
Design Engineering, Easement Coordination, and Construction Guidance = \$11,600.00

TOTAL PROBABLE COSTS = \$73,684.75

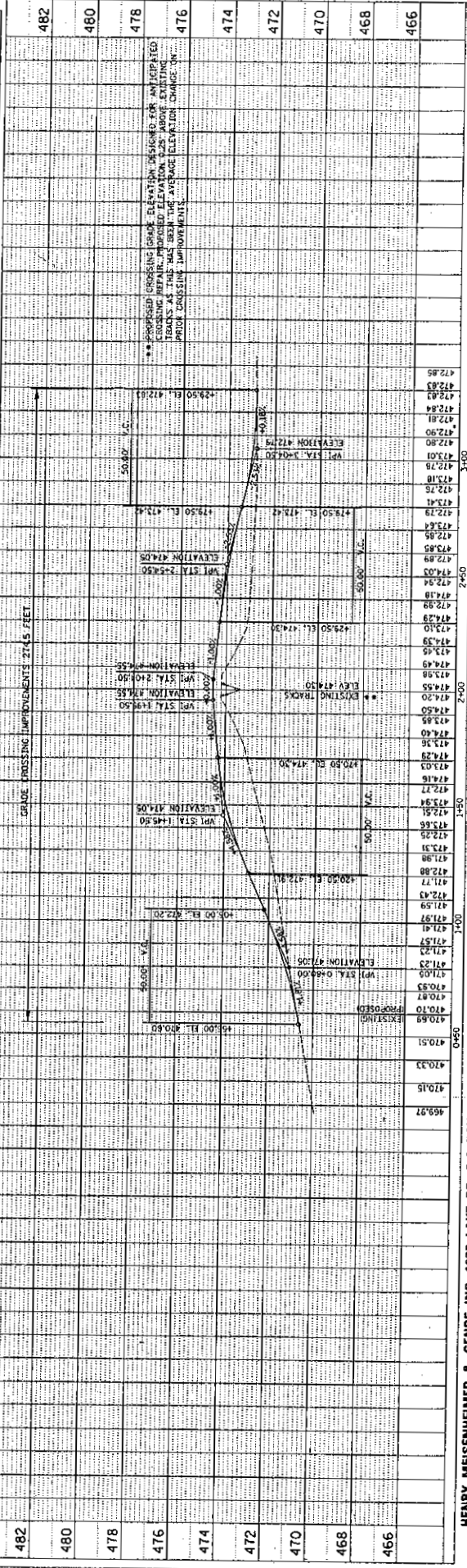
NOTES:

* This estimate assumes no compensation to land owners for acquiring temporary construction easements.

| DATE | CITY | COUNTY | SHEET |
|------------------------------|----------|-----------|-------|
| 11/15/11 | NEW BARK | ST. CLAIR | 1 |
| STA. 0+00.00 TO STA. 3+29.50 | | | 1 |
| ILLINOIS | | | |
| *** RICHTER SCHOOL ROAD *** | | | |



| ITEM | QUANTITY |
|------------------------------------------|----------|
| Earth Excavation | 50 CY |
| 24" Base & Surface Course Portable Broom | 220 CY |
| 24" Base & Surface Course Portable Broom | 220 CY |
| 24" Base & Surface Course Portable Broom | 220 CY |
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HENRY, MEISENHEIMER & GENDE, INC., 1075 LAKE RD., P.O. BOX 70, CARLYLE, ILLINOIS 62231 (618)-594-3711 WWW.HMENGINEERS.COM

RICHTER SCHOOL ROAD

H.M.G.C. NO. 5748

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